Each day covers one maths topic. It should take you about 1 hour or just a little more.

1. Start by reading through the Learning Reminders. They come from our *PowerPoint* slides.

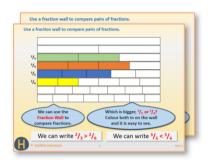
- Tackle the questions on the Practice Sheet. There might be a choice of either Mild (easier) or Hot (harder)! Check the answers.
- 3. Finding it tricky? That's OK... have a go with a grown-up at A Bit Stuck?

 Have I mastered the topic? A few questions to Check your understanding.
Fold the page to hide the answers!

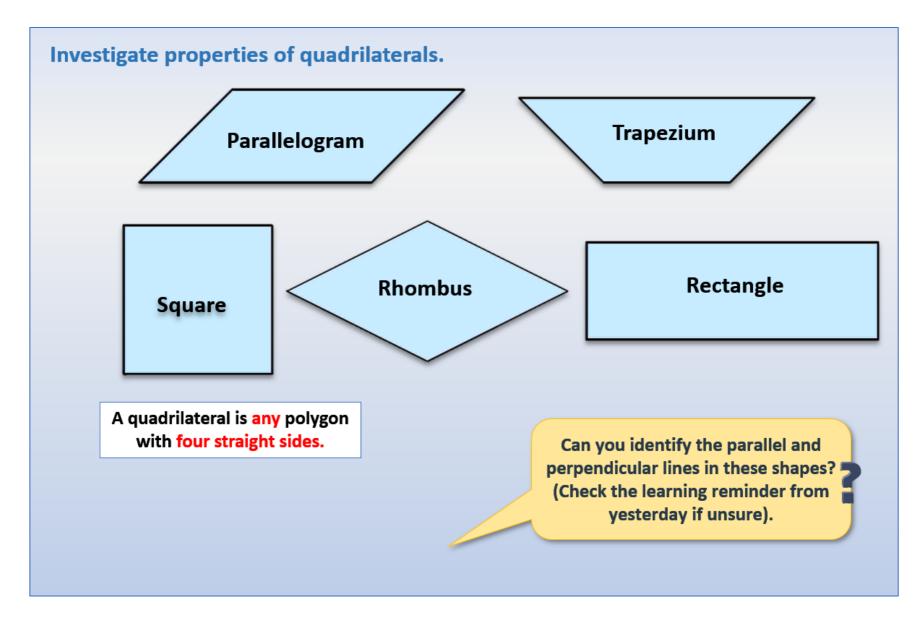




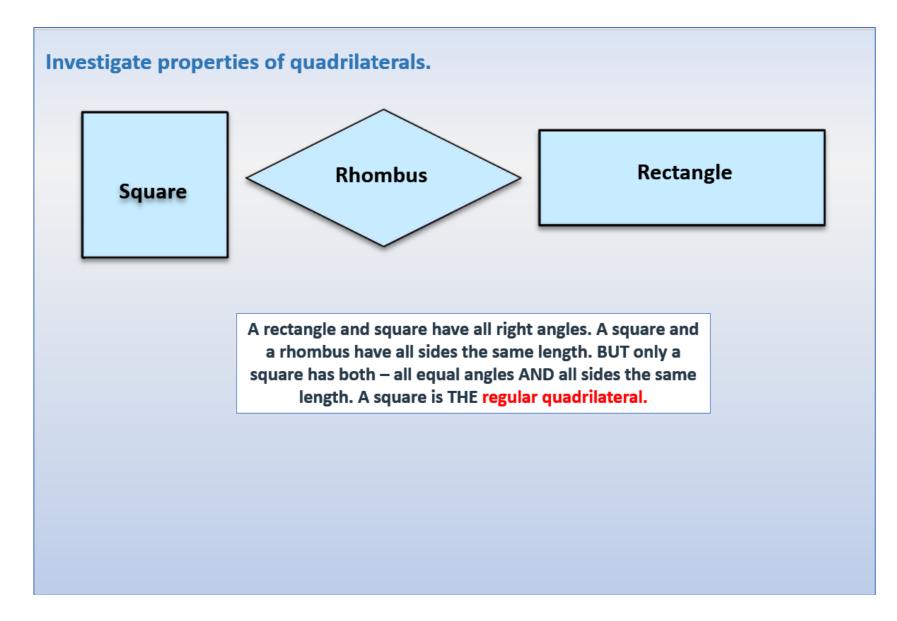
11	la de s fallas de a sue bass
Identify the value of the '4'	in the following numbers:
(a) 3.407	
(b) 4.821	
(c) 0.043	
(d) 5.104	
(e) 48,739	
How many times must Dan	multiply 0.048 by 10 to get 48,000?
What number is one hundre	ed times smaller than 0.4?

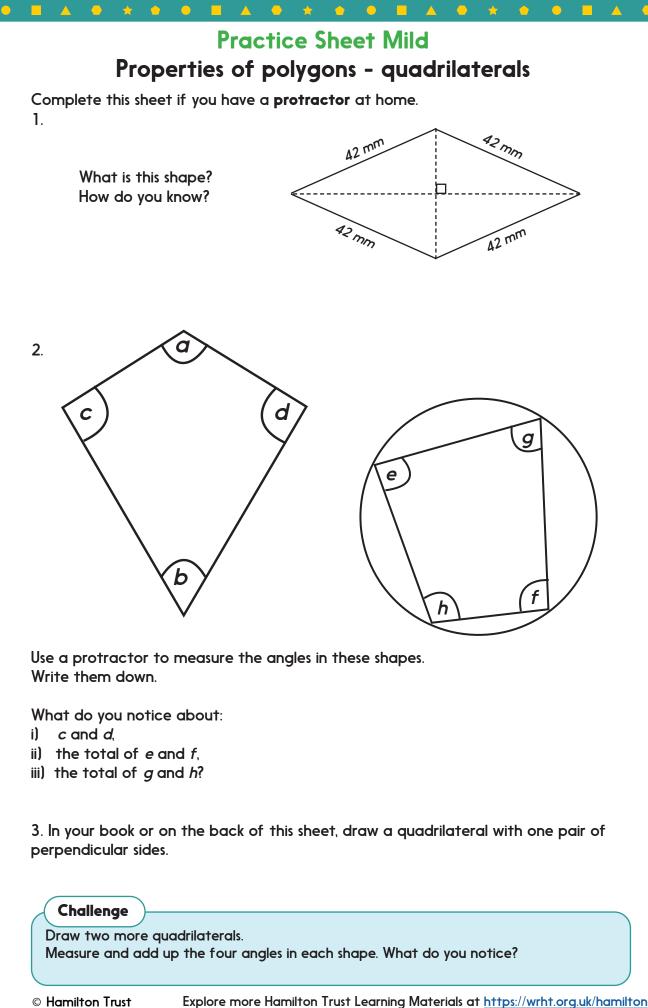


Learning Reminders

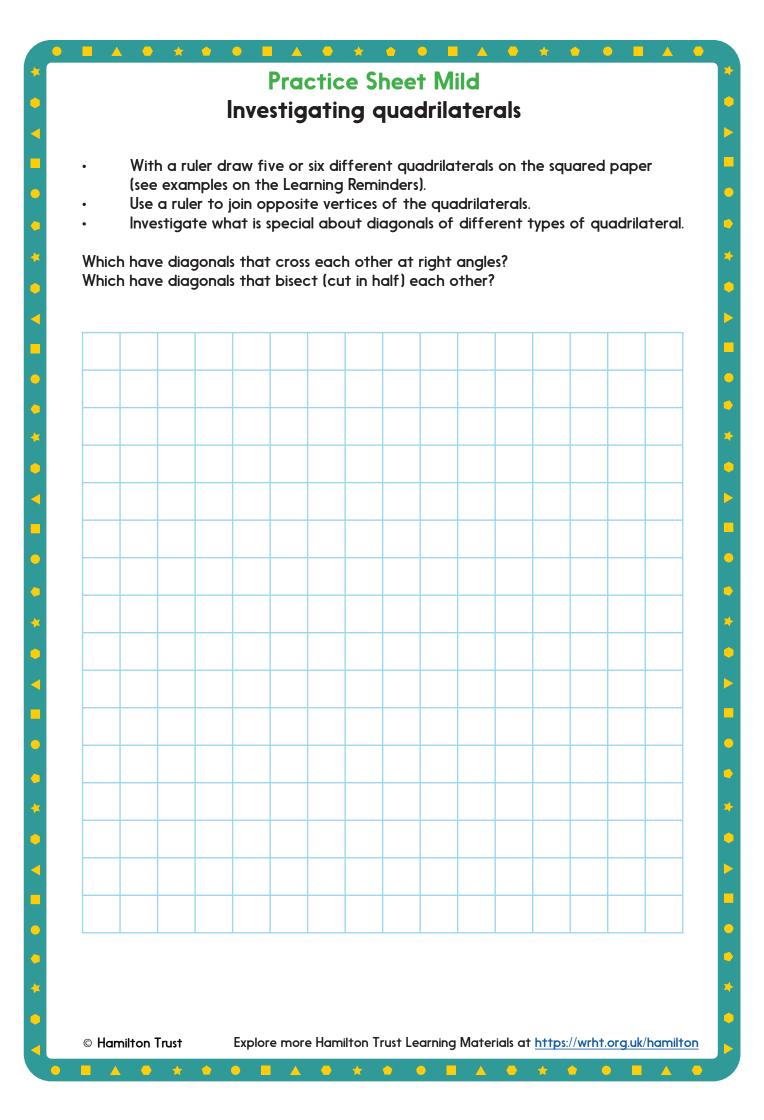


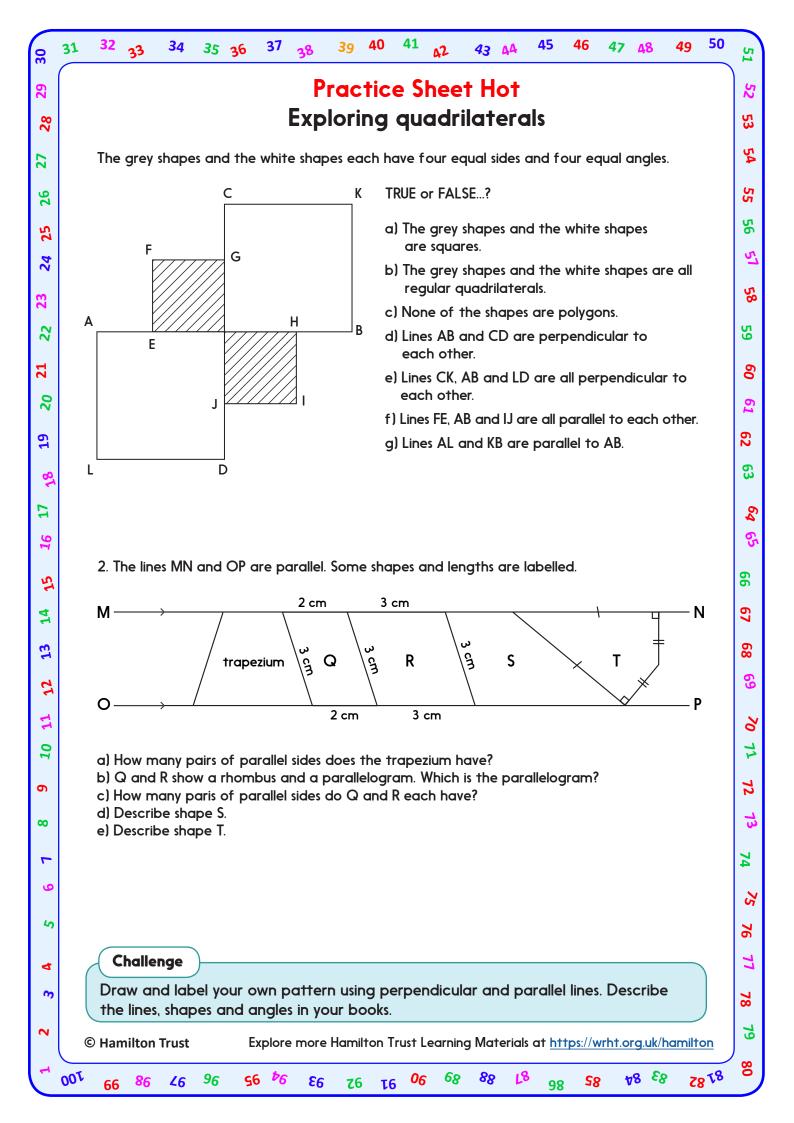
Learning Reminders





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Practice Sheet Answers

Properties of polygons - quadrilaterals (mild)

1. Rhombus. It has four equal sides, the opposite sides are parallel and the diagonals bisect each other at right angles.

2. $a = 116^{\circ}$ $e = 86^{\circ}$ i) c and d are equal ii) e and f add up to 180° $b = 60^{\circ}$ $g = 76^{\circ}$ $h = 104^{\circ}$ iii) g and h add up to 180°

3. Check that the children have drawn a four-sided shape with two sides perpendicular (at right angles) to one another.

Challenge

Check the children have drawn two more quadrilaterals and that they have noticed that all the internal angles always add up to 360° .

Investigating quadrilaterals (mild)

The diagonals of a square and rhombus cross at right angles; the diagonals of a square, rhombus, rectangle and parallelogram bisect each other.

Exploring quadrilaterals (hot)

a) True b) True c) False d) True e) False f) False g) False.

1.

2 a) 1 pair

b) Q

c) 2 pairs: making them both parallelograms

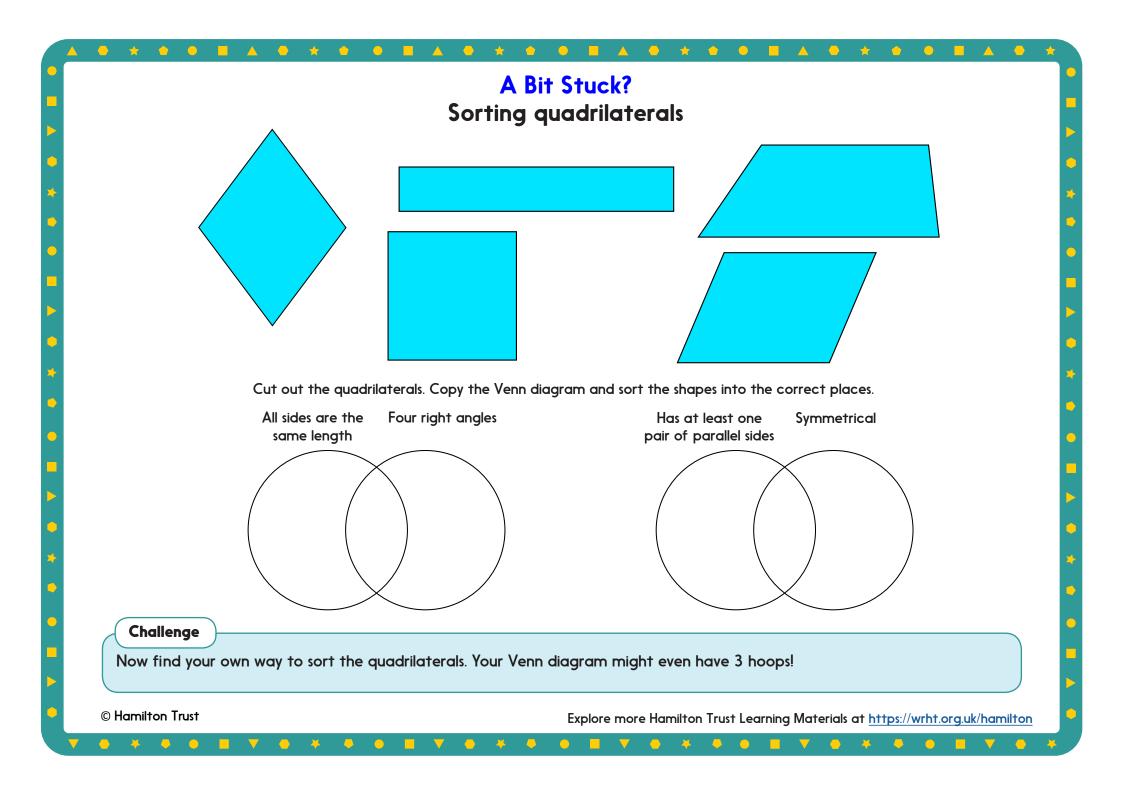
d) Trapezium: one pair of parallel sides

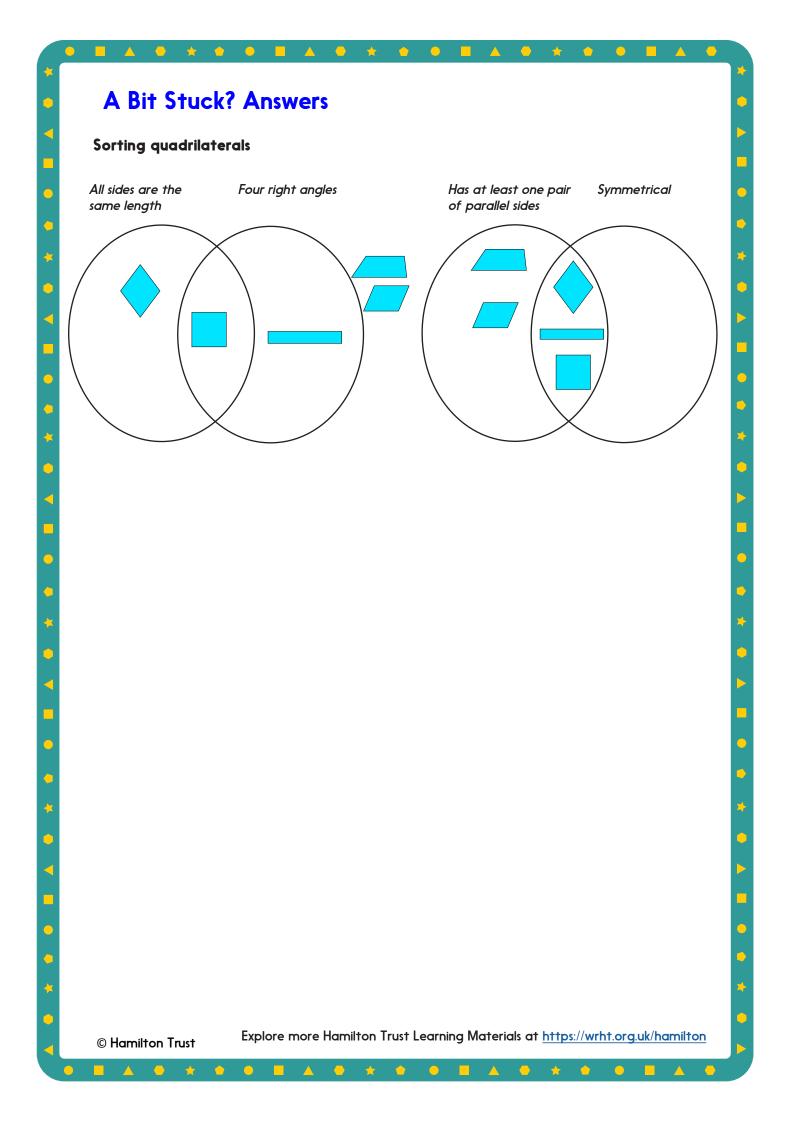
e) Kite: 2pairs of adjacent equal sides, has 2 right angles

(not all kites have this latter property), diagonals bisect at right angles

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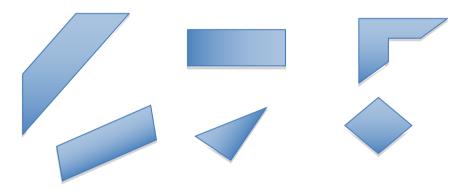
Check your understanding Questions

Is this a polygon?



Draw any polygon and list five of its properties.

Which of the following shapes are quadrilaterals?



Check your understanding

Answers

Is this a polygon?



No. A polygon has all straight sides, so a semi-circle is not a polygon.

Draw any polygon and list five of its properties.

Refer to properties such the number of sides and angles, regularity, symmetry and using other mathematical vocabulary correctly, e.g. parallel, perpendicular, angle types.

Which of the following shapes are quadrilaterals?

